



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION

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OYSTER, LITTLE OYSTER, WINDMILL POINT AND MOSQUITO CREEKS

Growing Area # 018
Lancaster County
Shoreline Sanitary Survey

Date: 6 July 2003

Survey Period: September 3-19, 2002

Total Number of Properties Surveyed: 252

Surveyed By: G.A. Wood

SECTION A: GENERAL

This survey area extends from Reference Point 18 at North Point to Reference Point 19 at Mosquito Point. It includes the Rappahannock River and Chesapeake Bay shoreline between the two reference points, and Oyster Creek, Windmill Point Creek (White Marsh), Little Oyster Creek, Mosquito Creek and all of their tributaries.

The topography of this area is low and flat, with elevations averaging less than 5 feet. The area is subject to flooding during periods of heavy rain. The population is sparse to moderate with many residents occupying their homes on a seasonal or part time basis. Many residents are retirees. Real estate sales and development are the principal economic activities in the area. Windmill Point Resort and Yachting Harbor, Inc., offers boating services, a restaurant, motel accommodations and condominiums.

Meteorological data indicated that a total of 1.13" of rain fell in the survey area from September 3-19.

The number of properties surveyed in the area was 252, a decrease of 9 properties since the last survey was conducted. There are two commercial marinas within the survey area (properties #2 and #15), one ramp and pier (property #14) operated by the Brightwaters Home Owners Association for the benefit of its members and their guests, and two facilities classified as Under Surveillance (properties #3 and #4). Marina Inspection Forms for these properties are attached.

Animal pollution within the survey area has increased from zero to two sources since the last survey. There are no campgrounds, operating crustacea plants, solid waste dumpsites or industrial sites within the survey area.

The current restriction on shellfish harvesting is Condemned Shellfish Area #53, Rappahannock River at Windmill Point, condemned 16 September 1993. Copies of bacteriological, hydrographical, and shellfish closure data are available at the area field office for review. Copies

of the current condemnation notices and maps are available via the internet at <http://www.vdh.virginia.gov/oehs/shellfish/>.

Information in this report is gathered by and primarily for use of the Division of Shellfish Sanitation, Virginia Department of Health, in order to fulfill its responsibilities of shellfish growing area supervision and classification. However, the data are made available to various agencies participating in shellfish program coordinated activities or other interested parties.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Sections B.2. and B.3., and the Department of Environmental Quality for possible action at properties listed on the summary page in Section B.1. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area.

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

15. ***DIRECT*** - Occupant: Windmill Point Resort and Yacht Harbor, Inc., PO Box 368, White Stone 22578. President: Ronald G. Rickard. Complex with a marina, motel, restaurant, townhouses, conference center and service buildings. The business has 30 employees. The treatment facility has a design flow of .03 MGD. Treatment consists of an aerated lagoon, aerated holding pond, chlorine contact tank and a 90° v-notch weir box with final effluent discharging from a subsurface pipe to the boat basin and ultimately to the Rappahannock River. Facility has discharge permit # VA0060569 from the Department of Environmental Quality, Water Regional Office. A copy of the most recent DEQ/WRO inspection report is attached.

ON-SITE SEWAGE DEFICIENCIES

7. CONTRIBUTES POLLUTION – Location: 4592 Windmill Point Road, White Stone 22578. Dwelling - red brick 1 story with gray shutters and trim. 2 persons. Top of distribution box is damaged exposing contents; and

CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Laundry waste drains to ditch through underground pipe. Sanitary Notice issued 9-10-02 to field #145.
8. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Owners: 12510 Kensington Lane, Bowie, MD 20715. Dwelling - white vinyl siding 1½ stories with red trim on roof and fascia board. No contact. Lid to grease trap broken, exposing contents. Sanitary Notice issued 9-11-02 to field #163.
9. CONTRIBUTES POLLUTION, ***DIRECT*** - Location: 247 Oyster Creek Road, White Stone 22578. Dwelling - white vinyl and hardboard siding 1 story with white trim. No contact. Effluent erupting to ground from drainfield and flowing along the side of the house. Sanitary Notice issued 9-11-02 to field #166.

10. CONTRIBUTES POLLUTION - Location: 136 West Drive, Kilmarnock 22482. Dwelling - white wood siding 2 story with black shutters. No contact. Unapproved top on septic tank; and

CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) - Laundry Waste drains to ground through 1" hose. Sanitary Notice issued 9-11-02 to field #170.

POTENTIAL POLLUTION

3. Chesapeake Bay Shellfish Company, End of State Route 775, Whitestone 22578. Owner: Larry Chapman, 557 15th Street, SE, Washington D.C. 20003. Business - Unoccupied white block 1 story building; former oyster processing plant. No contact. 4" black plastic pipe of undetermined origin draining to Mosquito Creek. No evidence of discharge at time of inspection.
5. Location: 4282 Windmill Point Road, White Stone 22578. Dwelling - white vinyl siding 1½ story with gray shutters. No contact. 2" PVC pipe of undetermined origin from dwelling draining to ditch. No evidence of discharge at time of inspection.
6. Location: 339 Old Tipers Road, Heathville 22473. Dwelling - white vinyl siding 1 story with green shutters. 1 person. Septic tank top does not fit snugly, allowing rainwater to enter. Potential overflow during periods of heavy rain.
11. Location: Little Oyster Lane, White Stone 22578. Owner: 4206 Reading Road, Richmond 23222. Dwelling - white mobile home with black trim. No contact. Observed two 4" black plastic pipes running from septic tank to ditch leading to Little Oyster Creek.
12. Location: Box 721, Kilmarnock 22482. Dwelling - gray T-111 siding 2 story with white trim. No contact. 4" PVC pipe from house not connected to septic tank. Property is under construction but sanitary system may have been used prior to septic hook-up. Health Department has not yet issued an occupancy permit for this property.

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTES

-None-

SOLID WASTE DUMPSITES

-None-

SECTION D: BOATING ACTIVITY

MARINAS

2. Hoffman Harbor, 1626 Windmill Point Road, White Stone 22578. Owner: R.W. Hoffman. Commercial marina. 30 wet slips available. Present at the time of the survey were 10 boats under 26' and 4 boats over 26' in wet slips. Services provided include electricity and repair. Sanitary facilities provided are 1 male privy and 1 female privy. Privies also serve as a portable toilet dump station. This facility is exempt from the requirement to provide boat holding tank pump-out facilities.

15. Windmill Point Resort and Yacht Harbor, Inc., Box 368, White Stone 22578. President: Ronald G. Rickard. Commercial marina. 139 wet slips, 15 transient slips and 18 dry storage spaces available. Present at time of survey were 53 boats under 26' and 44 boat over 26'. Boating services provided include fuel, water, electricity and in-out ramp. Sanitary facilities provided are 6 commodes, 6 lavatories, 6 showers and 5 urinals for men; and for women there are 6 commodes, 6 lavatories and 6 showers. Portable toilet dump station facilities and boat holding tank pump-out facilities are provided at this location.

OTHER PLACES WHERE BOATS ARE STORED

14. Brightwaters Subdivision Marina, End of Brightwaters Lane off State Route 695, White Stone 22578. Owner: Brightwaters Property Owners Association. Private marina for residents. 10 slips available. Present at the time of the survey were 4 boats under 26'. Boating services provided include electricity, water and in-out ramp. This facility is exempt from the requirements to provide sanitary facilities, portable toilet dump station facilities and boat holding tank pump-out facilities.

UNDER SURVEILLANCE

3. Chesapeake Bay Shellfish Company, End of State Route 775, White Stone 22578. Owner: Larry Chapman, 557 15th Street, SE, Washington D.C. 20003. Unoccupied oyster processing plant. 5 mooring spaces available. Pier is collapsing and unusable. No vessels present at time of survey. There are no boating services, no sanitary facilities, no portable toilet dump station facilities and no boat holding tank pump-out facilities provided at this location.
4. The Anchorage, End of State Route 775 (adjacent to Chesapeake Bay Shellfish Co.), White Stone 22578. Owner: Kenneth Flester. 4 slips/moorings available. Present at time of survey was 1 boat over 26'. Boating services include electricity and in-out ramp. There are no sanitary facilities, no portable toilet dump station facilities and no boat holding tank pump-out facilities provided at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

1. **DIRECT** - Location: 9283 Thornwood Lane, Manassas 20110. Dwelling - white asbestos shingle 2 stories with blue/green trim. No contact. House apparently unoccupied. Present at the time of the survey was 1 horse with direct access to Mosquito Creek. Manure disposal is to ground surface.
13. **DIRECT** - Location: PO Box 1101, White Stone 22578. Dwelling - white wood sided 2 story with black tin roof. 1 person. Present at the time of the survey were 5 sheep in unfenced pasture with direct access to Windmill Creek.

SUMMARY

Area # 018

Oyster, Little Oyster, Windmill Point and Mosquito Creeks

6 July 2003

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT FACILITIES

1 – DIRECT – # 15
0 – INDIRECT – None
1 – B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES

1 – CONTRIBUTES POLLUTION, DIRECT – # 9
2 – CONTRIBUTES POLLUTION, INDIRECT – # 7, 10
0 – CP (Kitchen or Laundry Wastes), Direct – None
3 – CP (Kitchen or Laundry Wastes), Indirect – # 7, 8, 10
0 – NO FACILITIES, DIRECT – None
0 – NO FACILITIES, INDIRECT – None
6 – B.2. TOTAL

3. POTENTIAL POLLUTION

5 – POTENTIAL POLLUTION – # 3, 5, 6, 11, 12

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

0 – DIRECT – None
0 – INDIRECT – None
0 – C.1. TOTAL

2. SOLID WASTE DUMPSITES

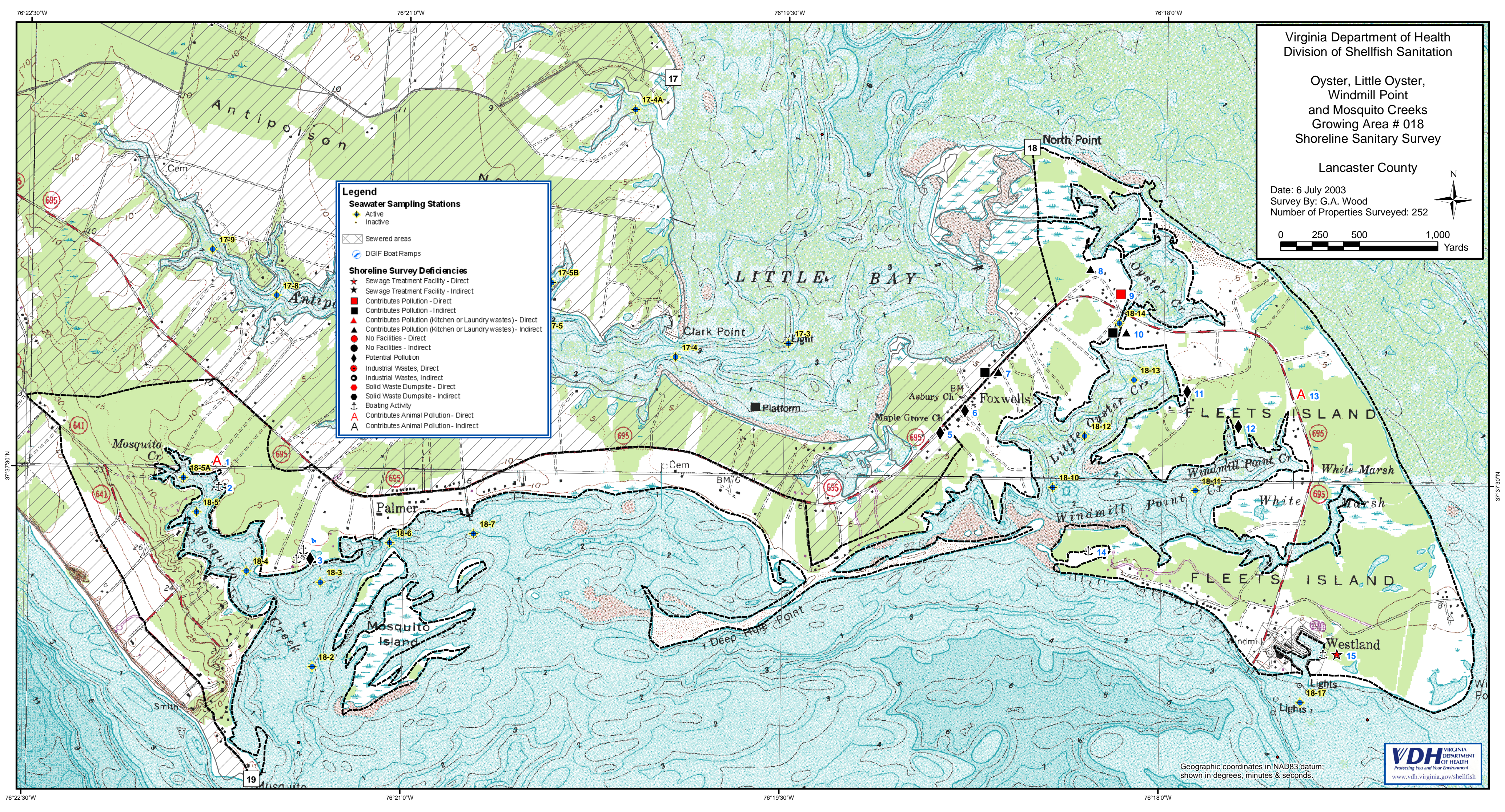
0 – DIRECT – None
0 – INDIRECT – None
0 – C.2. TOTAL

SECTION D: BOATING ACTIVITY

2 – MARINAS – # 2, 15
1 – OTHER PLACES WHERE BOATS ARE MOORED – # 14
2 – UNDER SURVEILLANCE – # 3, 4
5 – D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

2 – DIRECT – # 1, 13
0 – INDIRECT – None
2 – E. TOTAL

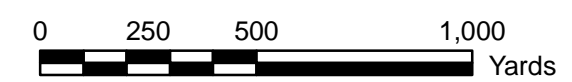


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Legend

Seawater Sampling Stations

- Active (yellow diamond)
- Inactive (yellow circle)

Shoreline Survey Deficiencies

- Sewage Treatment Facility - Direct (red star)
- Sewage Treatment Facility - Indirect (black star)
- Contributes Pollution - Direct (red square)
- Contributes Pollution - Indirect (black square)
- Contributes Pollution (Kitchen or Laundry wastes) - Direct (red triangle)
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect (black triangle)
- No Facilities - Direct (red circle)
- No Facilities - Indirect (black circle)
- Potential Pollution (black diamond)
- Industrial Wastes, Direct (red circle with dot)
- Industrial Wastes, Indirect (black circle with dot)
- Solid Waste Dumpsite - Direct (red circle with cross)
- Solid Waste Dumpsite - Indirect (black circle with cross)
- Boating Activity (red anchor)
- Contributes Animal Pollution - Direct (red 'A')
- Contributes Animal Pollution - Indirect (black 'A')

Geographic coordinates in NAD83 datum;
shown in degrees, minutes & seconds.

